



West National Technology Support Center

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EXPERTISE DIRECTORY

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Bruce Newton	Director	503 273 2402		
Betty Shatto	Administrative Assistant	503 273 2403		
Rosalinda Maesner	Secretary	503-414-3045		
<i>Core Team</i>				
Terry Aho	Soil Scientist	503 273-2422	Sec. II FOTG, Technical Soil Services, and use of Soil Data Mart, Web Soil Survey, Soil Data Viewer in resource assessment, conservation planning and program delivery.	Soil Technology – Application of Soil Data Viewer and ArcGIS in Technical Soil Services, Boot Camp
Meg Bishop	Ecologist (Environmental Compliance)	503 273 2404	Ecological considerations in NEPA; ESA; NHPA; other laws and agency environmental requirements	Environmental Training to meet compliance requirements for NEPA, ESA, etc.; NEDC - Environmental Documentation & Procedures (EIS)

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Kathryn Boyer	Fisheries Biologist	503 273 2412	Aquatic species considerations for CSP and conservation planning, agency technical contact for National Fish Habitat Initiative and SVAP; aquatic habitat conservation and restoration techniques.	Boot Camp; Conservation Buffers; Fish and Wildlife Habitat Conservation and Management; Frameworks for Stream Corridor Restoration; Understanding the Landscape
Kevin Boyle	Agricultural Economist	503 273 2411	Web development; Agricultural Production Economics; Automated on-line profit, cost and economic analysis; Demographic data set development; On-line surveys.	EconDocs (on-line profit, cost and economic analysis)
Jim Briggs	Plant Materials Specialist	503-273-2427	Plant and technology related development protocols, Assistance to 10 Plant Materials Centers and associated Plant Materials Specialists and other state staff specialists.	Boot Camp; Biology of Shrubs; Conservation planning;
John Copeland	Natural Resources Spec.	503-273-2428	WRTWG Contact; Advisory Board Executive Secretary; Conservation Practice Standards Writing, Conservation System Guides, NCPSS, CSG, eFOTG	Boot Camp, Conservation Planning, eFOTG Level II
Kathleen Dobler	Natural Resources Spec.	503-273-2429	Assistance Requests; Business Plan; Training Coordinator	FOTG II
Wendell Gilgert	Wildlife Biologist	503-273-2426	Ecological Site Descriptions, Conservation Innovative Grants, Habitat Management, Non-game wildlife: Herptofauna, Pollinators, Bats, Birds, Predators, Wildlife Water	Conservation Buffers, Boot Camp, Understanding the Landscape, Conservation Planning, Sage Grouse Workshop, Integrating Fish and Wildlife into Conservation Planning, Pollinators Workshops
Tom Gohlke	Conservation Agronomist	503-273-2425	RUSLE 2, WEQ, Cropping Systems/Residue Mgt., Pest Mgt. & WIN-PST, Agronomy Standards, Nutrient Mgt.	NEDC Nutrient and Pest Mgt., RUSLE 2 Training, Conservation Planning, Boot Camp

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Leonard Jolley	GLCI Rangeland Mgt Spec	503-273-2430	Rangeland ecology and management Riparian management and assessment Ecological site information system National Riparian Service Team contact GLCI National Conference on Grazing Lands program	Boot Camp; Riparian Management course
Stacy Mitchell	Communications Specialist	503-273-2432	Public Affairs; Desktop Publishing; Marketing; Communication Development; Editing; WNTSC reports; Event Planning; Photography; Product Development Planning; Media and Partner Relationships, Myers-Briggs certified.	PA Boot Camp, National Snow Survey Course, Writing Your Conservation Story, Making Differences Work in your Group
Jeffrey Repp	GLCI Rangeland Mgt Spec	503-273-2431	Ecological Site Descriptions, Soil-Site Correlation, ESIS, Conservation Planning, GSAT, Rangeland Inventory & Monitoring, NRI, Prescribed Burning, Prescribed Grazing, Brush Management, Plant Taxonomy, Coordinated Resource Management Planning, Rangeland Ecology II (NEDS tech rep.)	Boot Camp; Sage Grouse Workshops; Inventory & Monitoring, Prescribed Grazing, Conservation Planning, Prescribed Burning, Rangeland Ecological Site Descriptions, ESIS, Rangeland Health Assessment, GSAT
Peter Robinson	Water Management Engineer	503 273-2417	Irrigation, Irrigation Water Management, Conservation Innovation Grant	Boot Camp; Irrigation Water Management Software, Irrigation Water Management
Pat Shaver	Rangeland Management Spec.	503 273 2407	Rangeland Health Prescribed Burning Prescribed Grazing State and Transition Models Rangeland Inventory/NRI Ecological Site Descriptions Brush Management	Rangeland Health Workshop; Prescribed Burning Course; Prescribed Grazing; Rangeland Inventory; Boot Camp

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Lyn Townsend	Forester	503 273 2419	Forest Ecological Site Inventory and Descriptions, Conservation Tree/Shrub Correlation with Agroforestry, CPPE Project; CEAP - Environmental Benefits Project, Areawide Conservation Planning and Riparian Assessment Technology	Boot Camp; Practice Standard Writing; Conservation Buffers Course; Conservation Forestry Planning; Stream Corridor Restoration Course
Kip Yasumiishi	Agricultural Engineer	503 273 2418	Civil/Design Engineering; CIG; Tech Contact for Survey Software (SET)	Lateral Earth Pressures and Retaining Walls; Introduction to Hydraulics; Pump Design; Stream Corridor Restoration; Fundamentals of Structural Design
Charles Zuller	Environmental Engineer	503-273-2423	Conservation Innovative Grants; Ag Waste Management; technical support for AWM program; admin for AWMCP list server.	
<i>Energy Team</i>				
Stefanie Aschmann	Leader	503 273 2408	CSP Energy tools; Energy conservation Energy generation Sustainable agriculture	Conservation Buffers; Nutrient and Pest Management Considerations for Conservation Planning
Stan Hitt	Physical Scientist	503-273-2437	Energy Conservation, Energy Auditing	
Mark Hughey	Ag Conservation Enrollee	503-273-2435	Energy Conservation, Renewable Energy, Energy Economics & Marketing, Business & Strategic Planning	

<i>Air Quality and Atmospheric Change Team</i>				
Greg Johnson	Leader	503 273-2424	Agricultural Meteorology; Climatology; Agricultural Air Quality; Atmospheric Change	Weather and Climate Applications for Resource Management (with NRCS, FS, BLM, NPS); Spatial Climate (for National Weather Service Training Center)
Susan O'Neill	Physical Scientist	503-273-2438	Air Quality; Fire Emissions and Dispersion, Air Quality Modeling	
Roel Vining	Natural Resources Specialist	503 273 2410	Agricultural Air Quality; Airborne Particulate Matter; Agricultural Meteorology; Cropping Systems for Air Quality; Website Development and Maintenance	Conservation Management Systems; Agricultural Air Quality
Greg Zwicke	Environmental Engineer	503 273 2434	Agricultural Air Quality; source characterization and emission factors; air emissions mitigation	
<i>Water Quality and Quantity Team</i>				
Shaun McKinney	Leader	503-273-2413	Hydrology Fisheries biology	
Joe Bagdon	Pest Management Specialist	413-253-4376	Pest management WinPST Agronomy	Boot Camp; Nutrient and Pest Management Considerations in Conservation Planning
Freda Brown	Office Assistant	301-504-3946		
Chris Gross	Nutrient Management Specialist	301-504-3954	Nutrient management, NM policy, agronomy, animal waste, NM planning technology tools, Manure Management Planner (MMP), water quality risk assessment tools, general water quality, AFO/CAFO	Boot Camp, Intro. to WQ, NM&PM Considerations in Cons. Planning, CORE4, Phosphorus in the Environment (in dev.), Nitrogen in the Environment (in dev.), NM Planning Tool Training

Eric Hesketh	Soil Scientist	413-253-4374	Pest Management; WIN-PST (all versions); WIN-PST Soils; pesticide environmental issues; NAPRA and GLEAMS models; NRCS Pesticide Properties and Toxicity Database; N leaching index; Soils for modeling; nitrogen cycling; website development and maintenance; Visual Basic; database creation and management	Boot Camp; Nutrient and Pest Management Considerations in Conservation Planning; WIN-PST and NAPRA training.
William Merkel	Hydrology Team Leader	301-504-3956	WinTR-20, WinTR-55, HEC-RAS, AGNPS, GIS, NEH(Hydrology)	WinTR-20, WinTR-55, HEC-RAS, Hydrology Level 3 and 4, AGNPS, GIS/Hydrology
Helen Fox Moody	Hydraulic Engineer	301-504-3948	Hydrology, WinTR-20, WinTR-55 SITES	WinTR-20 WinTR-55
Dan Moore	Hydraulic Engineer	503-414-3054	Hydraulic modeling, water quality modeling, stream restoration design, computer model development	HecRas, AGNPS, Stream Corridor Restoration
Ken Pfeiffer	Pest Management Specialist	503-414-3061	Agronomy; Pest Management policy and practice standard; Pest Management planning; Invasive species; WIN-PST; Wind erosion process, prediction and control	Boot Camp; Conservation Buffers; Nutrient and Pest Management Considerations in Conservation Planning
Clare Prestwich	Irrigation Engineer	503-414-3075	Irrigation design	Salinity in soil and water Center Pivot Design
Quan D. Quan	Hydraulic Engineer	301-504-3952	WinTR-20, WinTR-55, Sites, HEC-RAS, AGNPS	Boot Camp, HEC-RAS, WinTR-20, WinTR-55, AGNPS
W. Barry Southerland	Fluvial Geomorphologist	503-273-2436	River restoration; Geomorphic Stream Analysis; Stream processes and planning; Stream and Watershed IDT planning; Stream channel evolution	NEDC Framework for Stream Corridor Restoration; NEDC Water Quality in Conservation Planning; Applications in Fluvial Geomorphology, Levels I & II
Fred Theurer	Agricultural Engineer	301-504-3962	Water Quality modeling, AGNPS	AGNPS
Pat Willey	Wetland/Drainage Engineer	503-414-3092	Drainage management Wetland hydrology Water budget	SPAW Water Budget Model; Drainmod Agricultural Drainage System Evaluation; Salinity Management (NEDC); Introduction to Water Quality (NEDC)

